



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION V
230 SOUTH DEARBORN ST
CHICAGO, ILLINOIS 60604

US EPA RECORDS CENTER REGION 5



515113

REPLY TO ATTENTION OF.
5HR

SEP 14 1983

Mr. Steve Riner
Minnesota Pollution Control Agency
Regulatory Compliance Section
1935 West County Road B 2
Roseville, Minnesota 55113

Dear Mr. Riner:

This letter relates to the Federal and State enforcement efforts on the Reilly Tar case and is privileged information.

On Tuesday, September 20, 1983, you and the people listed below are requested to participate in a workshop in my offices at 9:00 a.m. My address is 230 South Dearborn Street, Chicago, Illinois, 13th floor. The objective of the meeting is to determine, within a limited amount of time, the relative health risks of the attached compounds when consumed in drinking water. Since the proposal by Reilly is to allow between 100,000 to 400,000 nanograms per liter (ng) of alleged non-carcinogenic Polynuclear Aromatic Hydrocarbons (PAH), I want to compare the long term health effect of those concentrations to the effect produced by the State's limitation of 280 (ng/l) which approximates the background PAH levels found in neighboring cities' drinking water supplies. Additionally, I would like to compare breakthrough studies conducted by CH2M-Hill for the MPCA on granular activated carbon and try to determine the compounds that would elute up to the 400,000 ng/l limit proposal by Reilly. That way we can prioritize our evaluation of the compounds by first determining the likelihood of finding those compounds in the effluent of either a carbon treatment system or possibly an ozone treatment system. Dr. Kimble may provide some insight here, particularly, with respect to the elution time of PAH compounds and their heterocyclic analogs.

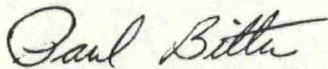
The difference between selection of the two PAH criteria directly affects the capital and operational costs of a treatment system. I will discuss this in more detail at the meeting. It is essential that all people attending the meeting bring any material regarding health risks of PAH and related compounds to the meeting so we can assign a value regarding their toxicity. I have requested a contractor to search the computer libraries, such as the Chemical Carcinogenic Registry Information System (CCRIS) for literature relevant to our objective. It is doubtful that I will get a printout of the literature or any reprints before the meeting, so I am trying to access the CCRIS myself, through our offices here, and will bring the information to the meeting.

Dr. Selkirk will provide some literature and expertise on the studies conducted on the toxic properties of the various compounds and I hope that we can determine a qualitative basis for limiting those PAH compounds that are not carcinogenic. The longer term goal is to determine a quantitative limitation on these PAH as Reilly has done. I am requesting that Dr. Thompson relate the compounds, attached, to the Reilly Tar coal distillation process so we can determine the probability of finding them in the drinking water.

I expect a tight schedule will be maintained throughout October and I will establish the schedule with the consultation of the expert witnesses at the meeting on the 20th.

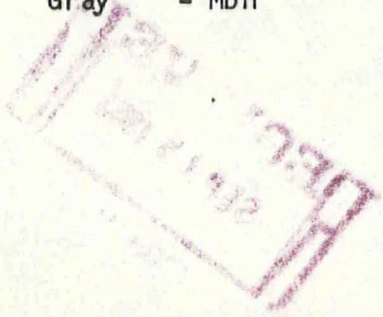
On September 21, 1983 at 9:00 a.m. we will meet with the lawyers for a debriefing. I request that the lawyers on this case check the direction the technical people are taking resulting from these meetings and to assure that the outcome of these and future technical meetings serve the lawyers' expectations for trial preparation. I expect that the meeting on the 21st will be completed in the early afternoon. Meanwhile, you and I should discuss the value of the Reilly report for full restoration of drinking water for St. Louis Park, Minnesota, and develop equivalent costs based on different limitations for the proposal made in the CH2M-Hill report for the MPCA. I would like to present these costs at the 20th meeting.

Sincerely yours,



Paul Bitter
On-Scene-Coordinator

cc: Selkirk
Kimble
Bingham
Thompson
Parker
Hird
Leininger
Woitte
Shackman - MPCA AG
Coyne - MPCA AG
Gray - MDH



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